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QUARTERLY STATUS REPORT

ROCKY FLATS CLEANUP AGREEMENT IMPLEMENTATION

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

FOURTH QUARTER FISCAL YEAR 2002

1/15

1.0 Introduction

Pursuant to paragraphs 122 and 263 of the Rocky Flats Cleanup Agreement (RFCA or Agreement), this quarterly status report presents the progress toward implementation of activities covered under the Agreement The RFCA is a legally binding agreement between the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Colorado Department of Public Health and Environment (CDPHE) to accomplish required cleanup of radionuclide and hazardous substance contamination at and from the Rocky Flats Environmental Technology Site (RFETS) For the purposes of this report, the term, the Site, refers to both DOE and the Kaiser-Hill Company, L L C (Kaiser-Hill)

This report describes activities that occurred from July 2002 through September 2002 (referred to as the fourth quarter of fiscal year [FY] 02) The sections of this report are organized into the following topics (1) Introduction, (2) Site-wide Activities Implementing RFCA and Supporting RFETS Closure, (3) RFETS Closure Projects, (4) Water Management, and (5) List of Approved Decision Documents

2.0 Site-wide Activities Implementing RFCA and Supporting RFETS Closure

Site-wide activities implementing RFCA and supporting RFETS closure during the fourth quarter of FY02 included (1) Closure Project Baseline and Status of RFCA Milestones, and (2) Integrated Monitoring Plan (IMP) Update

2.1 Closure Project Baseline and Status of RFCA Milestones (Unvalidated by DOE)

In accordance with the RFCA earned value (EV) framework, (which the RFCA Parties adopted to meet the requirements in RFCA Part 11, Subpart A), Table 1, below shows the current Site progress in achieving the FY02 Tier 1 earned value milestones through September 30, 2002 The earned values shown below represent those reported by Kaiser-Hill and indicate that all FY02 Tier 1 milestones have been met The data has yet to be validated by DOE

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Table 1. Status of FY02 RFCA Milestones through September 30, 2002

Milestone	Adjusted Carryover from FY2001 ($)	100% EV ($) Scheduled	50% EV ($) Scheduled	EV Complete (Includes adjusted carryover from FY2001) ($)	Percent complete of 50% EV ($) Scheduled	Carryover to FY2003 as of Sept 2002
M1 50% FY02 Scheduled Decontamination & Decommissioning EV	$2 890M Surplus	$47 170M	$23 585M	$85 776M	364%	$38 606M Surplus
M2 50% FY02 Scheduled Low Level Waste EV	$7 459M* Surplus	$6 542M	$3 271M	$20 834M	637%	$14 292M Surplus
M3:50% FY02 Scheduled Transuranic Waste EV	$0M*	$1 628M	$0 814M	$1 034M	127%	N/A
M4: 50% FY02 Scheduled Environmental Restoration EV	$0 183M	$0 526M	$0 263M	$6 996M	2660%	$6 470M Surplus
M5 FY01 Remaining EV		$0 539M*		$0 539M	100%	N/A

* Actual low level waste surplus EV carryover was $7 999M However $0 539M of this surplus FY01 earned value was applied to meet M5 FY01 Remaining EV (this remaining FY01 EV to be earned resulted from the residual transuranic waste EV not earned in FY01 that was moved from M3 to the new milestone M5)

The Site continued to accelerate decommissioning work efforts during the fourth quarter of FY02 This acceleration has been enabled by the continued improvement in safety related performance that allows the buildings to operate without compliance related work stoppages and the deployment of new technologies that improve productivity At the end of the fourth quarter of FY02, the major facilities are ahead of schedule in performing their decommissioning work activities In addition to progress in decommissioning, the Site has made significant progress in waste shipments and environmental restoration (ER) efforts

The focus during FY03 will be to accelerate Decontamination & Decommissioning (D&D) of the south side (uranium buildings and support facilities), continue accelerated progress in decommissioning of plutonium facilities, increase volume of waste shipped over prior year levels, and continue to accelerate environmental restoration

For the period October 1, 2000 through September 30, 2002 the cumulative schedule variance reported by Kaiser-Hill for the four areas of RFCA EV Milestones is

- Decontamination and Decommissioning $36 5Million *(48 9% ahead of plan)*
- Environmental Restoration $6 5 Million *(1231 1% ahead of plan)*

- Low Level Waste Shipments $14 8 Million *(152 7% ahead of plan)*
- Transuranic Waste Shipments -$1,134 Million *(-40 7% behind plan)*

These statistics are based upon the subset of activities coded as RFCA on the DOE approved Contract Predetermined Work Activity matrix These statistics will not reflect any recent changes to the RFCA activities that may have resulted from recent negotiations between DOE and the regulators

2.2 Integrated Monitoring Plan Update

The IMP for 2002 was delivered to DOE and the stakeholders in August of this year All changes had been fully implemented during the year, in accordance with the requirements anticipated when the document was originally drafted

The review cycle for the 2003 IMP was initiated at the same time All sections will require some modification, most of which will be minor In the Air Monitoring section, the action level for monitoring around decontamination/decommissioning (D&D) and environmental restoration (ER) projects needs to be revisited The current action level is based on an assessment of sample results after taking into account existing background concentrations at RFETS A correction to baseline action levels is necessary due to the extremely conservative nature of the action level and the highly variable nature of background measurements, when compared to expected project duration and emissions This past summer, the high regional background caused this methodology to be seriously challenged

Routine updates to the water monitoring networks will also be incorporated, including proposed changes in the water monitoring performed by CDPHE The ecological monitoring sections will be updated to reflect changes that have been implemented since the last update, changes that recognize the evolving needs of that program

3.0 RFETS Closure Projects

RFETS Closure activities conducted during the fourth quarter of FY02 include (1) Industrial Area Operable Unit, Building (B) 771, (2) Industrial Area Operable Unit, B776/777, (3) Industrial Area Operable Unit, B371/374, (4) Industrial Area Operable Unit, B707, and (5) Remediation, Industrial & Site Services Project (RISS)

3.1 Industrial Area Operable Unit, Building 771 Closure Project

The B771 Closure Project Decommissioning Operations Plan (DOP) was approved by CDPHE on January 11, 1999 As of September 30, 2002, four modifications to the DOP have been approved During the fourth quarter of FY02, the B771 Closure Project Team conducted the following activities

1 Completed five D&D work sets, i e , Sets 22, 63, 75, 83 and 84

2 Decontaminated fourteen gloveboxes, two gloveboxes and two plenums to surface contaminated object (SCO) levels using cerium nitrate decontamination technology As a result, the gloveboxes and tanks were disposed whole as low-level waste in cargoes The plenums will be dispositioned as SCO waste

3 Completed Resource Conservation and Recovery Act (RCRA) closure (via removal) of the mixed residue incinerator A portion was decontaminated to SCO levels while the remainder of the unit was size reduced and dispositioned as transuranic mixed waste

4 A high-pressure waterjet system (50,000 psi water with abrasive grit) was used to size reduce new tank 40 The stainless steel tank (6 5' diameter x 27' long x ¼" thick) was cut into four rings Each ring was dispositioned as SCO waste into a cargo container

3.2 Industrial Area Operable Unit, Building 776/777 Closure Project

The B776/777 Closure Project DOP was approved by CDPHE on November 5, 1999 As of September 30, 2002, eight minor modifications to the DOP have been approved During the fourth quarter of FY02, the B776/777 Closure Project Team conducted the following activities

1 Completed seven D&D work sets bringing the total to 68 sets completed to date There are a total of eighty-four work sets in the 776/777 Project The sets completed this quarter included removal of the pilot and production RCRA Fluidized Bed Incinerators (Sets 61 and 63), the supercompactor (Set 64), the Size Reduction Vault (Set 60), a glovebox line in Room 131 (Set 4), the glovebox dry air system on the second floor (Set 72), and overhead piping including the majority of the remaining mixed residue lines (Set 78)

2 Closed by removal six RCRA mixed residue tanks V-605 (2 tanks), DL-776, and three tanks in the Size Reduction Vault (ball mill washer, collection pan, and annular tank) There are only two remaining mixed residue tanks in B776/777 (T-344 and T-345, associated with the Advanced Size Reduction Facility)

3 Minor modification #9 to the B776/777 DOP was submitted to CDPHE on September 23, 2002 This modification includes submittal of the unit-specific closure information for Set 82, which includes all concrete secondary containment areas for tanks, container storage units, and treatment units

3.3 Industrial Area Operable Unit, Building 371/374 Closure Project

The B371/374 Closure Project DOP was approved by CDPHE on March 29, 2001 As of September 30, 2002, three field modifications to the DOP have been approved During the fourth quarter of FY02, the B371/374 Closure Project Team conducted the following activities

1 Removed Raschig rings in Set 13 (Rooms 2307, 2317 and 2319) and Set 12 (Room 1105) The vacuum system was successfully used in these sets This brings the total to 35 tanks that have had the ring removed utilizing the vacuum system Most of the tanks have been surveyed and confirmed SCO The tanks that have not met the SCO criteria are being deconned utilizing the cerium nitrate decontamination technology

2 Continued Dismantlement of Set 7 (Room 3305) and Set 14 (Room 2325) Most internal components have been removed from the gloveboxes Two-thirds of the gloveboxes have been removed from Set 7, one-third of the gloveboxes in Set 14 have been removed The Closure Project Team has removed a total of 82 gloveboxes

3 Removed four gloveboxes in Room 1111 to support the activities associated with removing pallets from the Central Storage Vault A bag out tunnel was installed and all maintenance pallets have been removed Modifications will be made to the process and removal of the storage pallets will be initiated

4 Completed the D&D of Set 15 (room 2223) All tanks and support equipment were removed

5 Placed the following RCRA units into RCRA Stable status 371 1A and 371.1B, room 3412, 371 1A, room 3187B, 371 1A, room 3301, and 371 1C Stacker Retriever Closed RCRA units 371.1B – GB's 72B and 72C in room 3408, 90 104 – GB 37C in room 3305, 90 014 – tank D934A in room 2223, and 90 015 – tank D934B in room 2223

6 Initiated the strip-out of Area AM (B374 Chemical Preparation Area) The Closure Project Team is currently isolating and removing electrical equipment Four tanks have been removed from the area

Activities planned for the first quarter of FY03 include Raschig Ring removal will occur in Set 12, continue strip-out of Area AM, and utilization of the cerium nitrate decontamination technology if this is determined necessary to ensure the tanks/gloveboxes meet the SCO criteria; continue strip-out of electrical, mechanical, tanks, and glovebox systems in Sets 5, 14, 7, 56, and 58, and initiate the D&D of Set 25

3.4 Industrial Area Operable Unit, Building 707 Closure Project

The B707 Closure Project DOP was approved by CDPHE on January 18, 2001 As of September 30, 2002, two minor modifications to the DOP have been approved During the fourth quarter of FY02, the B707 Closure Project Team conducted the following activities

1 Completed Sets A3, A5, B1, B2, F2, F4, and 19 (second floor) This encompassed the removal of 33 (to date, 182 of total 377) glovebox/chainveyor equivalents Notable accomplishments included the removal of 4 large tilt-pour casting furnaces and associated highly contaminated vacuum pumps, a variety of machining lathes, the first of three large thermocycling centers, the clean-out of the mass spectrometer lab, and the removal of air drying support equipment (Kathabar system) and motor generators (MG sets) from the second floor annex area This brings the total sets completed to date to 35 of 99 sets

2 Constructed a second floor loading platform to hold waste containers Loading and exchanging the containers on the second floor will remove the total reliance on the only existing elevator, reduce the amount of in situ size reduction necessary, and help accelerate decommissioning work

3 Removed approximately 1,100 cubic meters of transuranic and low level mixed waste A total of approximately 8,700 cubic meters have been removed since January 2001

Activities planned for the first quarter of FY03 include the completion of Sets K1 and C2, continue work on Sets A7, B4, C5, C6, D7, J1, J3, 02, 11, and 13 Asbestos abatement/removal is expected to continue with the greatest effort still focused on the second floor, but some first floor corridor ceiling tile removal/replacement is expected to take place

3.5 Remediation, Industrial & Site Services Project

RISS activities supporting RFETS closure during the fourth quarter of FY02 include D&D as well as ER

3.5.1 Decontamination and Decommissioning

During the fourth quarter of FY02, the following activities were completed

Property removal and hazard stabilization in B883, B881 and B444 were completed Noteworthy accomplishments include the cleaning of the B881 ductwork to below High Contamination Area levels and the removal of the remaining pieces of equipment (432

items) in B444 including the Beryllium Shop Sampling for Under-Building Contamination (UBC) was completed for B886 and B881

1 B865 decommissioning status is as follows
- Asbestos abatement 100% complete
- Dismantlement 60% complete
- Structural decontamination 30% complete

2 Other significant fourth quarter of FY02 decommissioning activities include
- B125 demolition
- Isolation of the B443 steam plant and operation of the temporary boilers
- Demolition of T886B, T886C, T893A, T893B, B662, B663

3 The Reconnaissance Level Characterization Report for B444 was completed and submitted to DOE as a Type 2 facility

3.5.2 Environmental Restoration

ER activities implementing RFCA and supporting closure during the fourth quarter of FY02 included (1) Buffer Zone (BZ) Operable Unit (OU), Group 900-11, (2) Group 000-5 Present Landfill, Group 000-1 Solar Ponds, and Group SW-2 Original Landfill Cap, (3) BZ Characterization, and (4) IA Characterization

3.5 2.1 Buffer Zone Operable Unit, Group 900-11 (903 Pad)

The 903 Pad remediation project planning began in April 2002 This work will be performed pursuant to the ER RFCA Standard Operating Protocol (RSOP) The ER RSOP FY02 Notification for individual hazardous substance site (IHSS) Group 900-11, IHSS 112 – 903 Pad public comment period ended on September 9, 2002. Comments were addressed and EPA approval of the final Notification is anticipated in October 2002 The 903 Pad remediation work is scheduled to begin by November 1, 2002

3.5.2.2 Group 000-5 (Present Landfill), Group 000-1 (Solar Ponds) and Group SW-2 (Original Landfill)

Group 000-5 (Present Landfill)

This project involves the design and construction of an evapotranspiration cover at the Present Landfill for RCRA interim status closure The Interim Measure/Interim Remedial Action (IM/IRA) Decision Document underwent formal public comment during the fourth quarter of FY02 and approval is anticipated in the first or second quarter of FY03 The 60% design should be available for review during the first quarter of FY03 Cover construction is scheduled to be initiated during the second quarter of FY03

Group 000-1 (Solar Ponds)

The following Solar Evaporation Ponds (SEPs) work activities under the ER RSOP were completed during the fourth quarter of FY02

- Removal of RCRA Unit 374 3, Aboveground Transfer Line from B910 to B374,
- Removal of 788A concrete slabs and footings, including RCRA Unit 21 – Permacon Area
- Removal of all sumps,
- Removal of portions of the OPWL, including one valve pit,
- Characterization of PAC 900-1310, and
- Consultation with the regulators to identify additional surface soil locations to be removed

The remaining activities under the ER RSOP will be completed in the first quarter of FY03

Consistent with RFCA, existing groundwater contamination associated with the SEPs, is being managed separately from the SEPs A minor modification to the Solar Ponds Plume Project IM/IRA was submitted in FY02, proposing the installation of a pump in the solar ponds treatment system The minor modification was approved by CDPHE on July 12, 2002 and work activities commenced on the installation mid-September It is anticipated that installation of the pump will be completed during the first quarter of FY03

The SEPs, considered a RCRA interim status unit, will be closed under alternative closure requirements allowing corrective action to be used in lieu of unit specific closure requirements CDPHE is allowing this flexibility to be used in establishing closure requirements for the SEPs, since other units exist in this area, including a portion of IHSS 121 (the Original Process Waste Lines, OPWL), RCRA Units 21 and 48 (RCRA stable concrete pads), and PAC 900-1310 (Interceptor Trench System water spill) This alternative approach allows the SEPs to be closed under RCRA through the corrective action program, as well as to remediate/close these other units This flexibility allows these units to be evaluated holistically as one area of contamination and the remediation of contaminated soils to risk-based levels

Based on RCRA alternative closure requirements, an area of contamination was defined to include all these units including soil contamination for the purpose of performing a risk assessment The Draft Final Report – Human Health Risk Assessment of the Solar Evaporation Ponds (9/2002) concluded that the cumulative Hazard Index from non-radionuclides was less than 1 and the excess cancer risk from radionuclides is within the acceptable CERCLA risk range and below $1x10^{-5}$ risk to a Wildlife Refuge Worker The results of this risk assessment are supported by the soil and liner data from the Solar

Ponds A Proposed Action Memorandum (PAM) for No Further Action (NFA) of the SEPs was developed by the Site in the fourth quarter of FY02 and summarizes previous accelerated actions in the SEP area as well as the risk assessment It is anticipated that the PAM will be available for public comment during the first quarter FY03

Group SW-2 (Original Landfill)

The Original Landfill project will complete the data adequacy evaluation, alternatives analysis, and a preliminary evaluation of the alternatives during the first quarter of FY03 The draft IM/IRA is scheduled to be available for agency and informal stakeholder review the first or second quarter of FY03 Approval of the IM/IRA is anticipated for the second or third quarter of FY03 with field activities commencing the second quarter of FY04

3.5.2.3 Buffer Zone Characterization

The BZ Sampling and Analysis Plan (SAP) was approved by the EPA in April 2002 The BZSAP FY02 addendum was approved by the EPA in April 2002 The BZAP addendum described soil-sampling locations in IHSSs, including maps of existing sampling locations and data, where available, and proposed new sampling locations

The following IHSS Groups were characterized in accordance with BZSAP Addendum #BZ-02-01 IHSS Group 900-2 – IHSS 153, Oil Burn Pit No 2 and – IHSS 154, Pallet Burn Site, IHSS Group NE/NW – IHSS 216 2, East Spray Field – Center Area, IHSS 216 3, East Spray Field – South Area, NE-1412, Trench T-12 Located at OU 2 East Trenches, NE-1413, Trench T-13 Located at OU2 East Trenches, NE-1407, OU2 Treatment Facility, and IHSS 174a, Property Utilization and Disposal Yard (PU&D) - Drum Storage Area Data from these IHSSs are being evaluated

3.5.2.4 Industrial Area Characterization

The IASAP was approved by CDPHE in June 2001 IASAP Addenda for FY02 were prepared to describe soil-sampling locations in IHSSs, PACs, and UBC sites. The IASAP Addenda contain maps of existing sampling locations and data, where available, and proposed new sampling locations Table 2 lists the status of IASAP Addenda

Table 2. Status of IASAP Addenda

Addendum Number	Delivered to Agencies	Approved
IA-02-01	September 01	November 01
IA-02-02	December 01	February 02
IA-02-03	February 02	March 02

Table 2. Status of IASAP Addenda (continued)

IA-02-04	March 02	April 02
IA-02-05	March 02	April 02
IA-02-06	June 02	July 02
IA-02-07	July 02	August 02
IA-02-08	August 02	September 02

The following IHSS Groups were characterized or partially characterized during the fourth quarter of FY02 IHSS Group 000-1 – Solar Evaporation Ponds, IHSS Group 300-1, 400-7, 600-1, 600-2, and 800-2 0 UBC 881, and 800-6 – UBC 889 Accelerated actions were completed at IHSS Groups 400-7, 600-1, 600-2, 400-7, and 800-6 ER accelerated actions were planned for IHSS Group 800-4, but D&D staff completed these activities Closeout reports were drafted for IHSS Groups 100-4, 100-5, 800-4, and 800-6 Data Summary Reports were prepared for several IHSS Groups where accelerated actions were not warranted These groups are 400-10, 500-6, 600-6, and 700-12 Data analysis of IHSS Groups 000-1, 300-1, 800-2, and 900-4&5 is ongoing

4 0 Water Management

Water management activities during the fourth quarter of FY02 are summarized by (1) Watershed Improvements, (2) Surface Water Management, (3) Surface Water Monitoring, (4) Groundwater Monitoring, and (5) the Rocky Flats Water Working Group

4.1 Watershed Improvements

In accordance with the Storm Water Pollution Prevention Plan, the annual Comprehensive Site Compliance Evaluation inspections of all RFETS facilities were completed on September 26, 2002 The Annual Comprehensive Site Compliance Evaluation Report, anticipated during the first quarter of FY03, will be retained as part of the Storm Water Pollution Prevention Plan (per the RFETS National Pollutant Discharge Elimination System Permit)

The annual dam inspections by the Federal Energy Regulatory Commission were completed on August 23, 2002 Dam crests grading and grass mowing was completed for all RFETS dams Drawing updates and field walk-downs of previously identified culverts and structures needing maintenance were completed and efforts are ongoing to determine repair priorities for FY03 Repairs and clean outs of identified culverts and structures is ongoing

4.2 Surface Water Management

During the fourth quarter of FY02, the Kaiser-Hill completed the following pond water transfers and discharges totaling 20 87 Million Gallons (MG), a decrease of 55% compared to the fourth quarter of FY01 (46 61 MG) This decrease is attributable to continued regional drought conditions during the quarter

Pond B-1 activity included one transfer of treated effluent from the B995 Wastewater Treatment Plant totaling 0 10 MG This transfer occurred during the period of July 22 through 23, 2002 This transfer was performed to supply adequate water in Pond B-1 to keep the pond sediments covered

Pond B-5 activity included two routine outlet-valve direct discharges to South Walnut Creek totaling 20 67 MG The first discharge of 9 09 MG occurred during the period of July 11 through 22, 2002 The second discharge of 11 58 MG occurred during the period of September 5 through 16, 2002 Water-quality samples were collected and analyzed, and all approvals were obtained prior to the discharges The City of Broomfield opted to impound the Pond B-5 water discharges within Great Western Reservoir

Pond C-2 activity included one routine annual outlet valve operability test that discharged a total of 0 097 MG to Woman Creek The valve test was successfully completed on September 10, 2002 Water-quality samples were collected and analyzed, and all approvals were obtained prior to the valve test

There were no Pond A-1, A-2, A-3, A-4, B-2, or Landfill pond transfers or discharges during the fourth quarter of FY02

Transfers and discharges from the RFETS ponds during the fourth quarter of FY02 are summarized in Table 3

Table 3. RFETS Pond Water Transfers and Discharges - Fourth Quarter FY02

Dates	Pond Activity	Total MG	Mode
7/11 to 7/22	B-5 to SWC	9 09	Outlet-valve direct discharge
7/22 to 7/23	WWTP to B-1	0 10	WWTP effluent transfer
9/5 to 9/16	B-5 to SWC	11 58	Outlet-valve direct discharge
9/10	C-2 to WC	0 097	Annual outlet-valve test
	Total for Quarter	**20.87 MG**	

4.3 Surface Water Monitoring

During the fourth quarter of FY02, 61 composite samples were collected by the RFCA automated monitoring system and submitted for analysis This represents a 15% reduction in sampling activity during the FY02 drought year when compared to the average activity (average of 72 samples) for the same period during the prior five years of RFCA sampling (Q4FY01 82 samples, Q4FY00 86 samples, Q4FY99 75 samples, Q4FY98 47 samples, and Q4FY97 69 samples) Only the fourth quarter of FY98 had fewer composite samples (47 total) collected and analyzed

On August 6, 2002, formal RFCA required notifications were made by DOE to CDPHE and EPA for reportable 30-day average Americium results observed at Point of Evaluation monitoring location GS10 Based on validated analytical result, the elevated 30-day average values for Americium started on April 29, 2002 and ended on May 10, 2002 (inclusive) Analytical results from downstream monitoring locations including pre-discharge sampling at Pond B-5 and water quality monitoring at RFCA Points of Compliance (POC) GS08 (below Pond B-5) and GS03 (Walnut Creek and Indiana Street) were not above the 0 15 pCi/L standard for Americium Given the predictable nature of GS10 reportable values and citing future GS10 drainage characterization plans, the RFCA parties are not requiring another GS10 source evaluation at this time A thorough evaluation of the GS10 sub-drainage will be conducted as part of the Pond B-1 characterization project that is scheduled to occur during the second and third quarters of FY04 One of the two surface-water monitoring stations (GS58) that provided performance monitoring coverage of the B886 demolition project was removed from service The isolated ditch that GS58 sampled was no longer receiving storm-water runoff after the upstream end of the culvert from the B886 area was buried during B886 demolition

A new surface-water monitoring station (GS56) was installed in No Name Creek downstream of the current Landfill Pond GS56 will be used to develop a water quality baseline and provide surface-water performance monitoring coverage of the future Landfill Pond environmental remediation project

Finally, tentative approval has been received from the U S Fish and Wildlife Service to install a surface water performance-monitoring station (GS59) that will be located in Preble's Mouse Habitant GS59 will provide surface-water monitoring coverage in Woman Creek for the Original Landfill environmental remediation project Installation of GS59 is expected to be completed during the first quarter of FY03 after official U S Fish and Wildlife Service approval is received

4.4 Ground Water Monitoring

The First (calendar) Quarter 2002 groundwater monitoring report was presented to the Stakeholders at the Quarterly Information Exchange Meeting on August 27, 2002

Other activities completed during the fourth quarter of FY02 included

1 Fourteen wells supporting the IA Plume Evaluation were sampled and the results were included in the 2001 RFCA Groundwater Annual Report

2 All groundwater samples and water level measurements for the third calendar quarter of FY02 were completed as of September 30, 2002

3 The Well Abandonment and Replacement Program Work Plan was finalized, 75 wells scheduled for abandonment in FY02 were completed

4 The 2001 RFCA Annual Groundwater Report was completed and submitted to DOE for review

4.5 Rocky Flats Water Working Group

The RFETS Water Working Group followed the Quarterly Exchange of Information Meeting held on August 27, 2002 The following items were included in the agenda

1 Summary of Flume Replacement Project at GS03, GS10, and SW093 scheduled for the first quarter of FY03

2 Re-interpretation of Groundwater Plume Maps

3 Retirement of Pond C-1 Dam

4 Demonstration of Decision Support System - Colorado State University/DOE

5 Pond Status summary and estimated dates for routine pond discharges

The next Water Working Group will be held on November 26, 2002, directly following the Quarterly Exchange of Information meeting

5.0 List of Approved Decision Documents

This list of approved decision documents provides the information for the update to RFCA Attachment 12

1 A minor modification to the Solar Ponds Plume Project IM/IRA was approved by CDPHE on July 12, 2002 The modification approves the installation of a pump in the solar ponds treatment system

2 Field Modification number 03 to the B371/374 DOP was approved by CDPHE on August 14, 2002 It added Set 59 to Table 3, which lists the Project's dismantlement Sets Set 59 includes a portion of room 3801 and involves the removal and packaging of the Inner Tent Chamber (ITC) Items internal to the ITC will also be removed and packaged for disposal

3 Minor modification #9 to the B776/777 DOP was submitted to CDPHE on September 23, 2002 This modification includes submittal of the unit-specific closure information for Set 82, which includes all concrete secondary containment areas for tanks, container storage units, and treatment units

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